

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Yasuyo MARUWAKA et al.

Serial No.: New Patent Application

Filed: March 30, 2001

For: RATE MATCHING CALCULATION METHOD AND RATE MATCHING  
APPARATUS

PRELIMINARY AMENDMENT

Honorable Commissioner of  
Patents and Trademarks  
Washington, DC 20231

Sir:

Please amend the above application as follows:

IN THE CLAIMS

Please amend the claims as follows (Exhibit I is a marked-up  
version of the amended claims):

9. (Amended) A base station apparatus comprising:  
the rate matching apparatus according to claim 5; and  
a transmission/reception apparatus which inputs a frame  
extracted from a received signal to said rate matching apparatus  
at the time of receiving signals, while further inputting a frame  
to be transmitted to said rate matching apparatus at the time of  
transmitting signals.

10. (Amended) A mobile station apparatus comprising:  
the rate matching apparatus according to claim 5; and  
a transmission/reception apparatus which inputs a frame  
extracted from a received signal to said rate matching apparatus  
at the time of receiving signals, while further inputting a frame  
to be transmitted to said rate matching apparatus at the time of  
transmitting signals.

Please add the following new claims:

--11. A base station apparatus comprising:  
the rate matching apparatus according to claim 6; and  
a transmission/reception apparatus which inputs a frame  
extracted from a received signal to said rate matching apparatus  
at the time of receiving signals, while further inputting a frame  
to be transmitted to said rate matching apparatus at the time of  
transmitting signals.

12. A base station apparatus comprising:  
the rate matching apparatus according to claim 7; and  
a transmission/reception apparatus which inputs a frame  
extracted from a received signal to said rate matching apparatus  
at the time of receiving signals, while further inputting a frame

to be transmitted to said rate matching apparatus at the time of transmitting signals.

13. A base station apparatus comprising:  
the rate matching apparatus according to claim 8; and  
a transmission/reception apparatus which inputs a frame extracted from a received signal to said rate matching apparatus at the time of receiving signals, while further inputting a frame to be transmitted to said rate matching apparatus at the time of transmitting signals.

14. A mobile station apparatus comprising:  
the rate matching apparatus according to claim 6; and  
a transmission/reception apparatus which inputs a frame extracted from a received signal to said rate matching apparatus at the time of receiving signals, while further inputting a frame to be transmitted to said rate matching apparatus at the time of transmitting signals.

15. A mobile station apparatus comprising:  
the rate matching apparatus according to claim 7; and  
a transmission/reception apparatus which inputs a frame extracted from a received signal to said rate matching apparatus at the time of receiving signals, while further inputting a frame

to be transmitted to said rate matching apparatus at the time of transmitting signals.

16. A mobile station apparatus comprising:  
the rate matching apparatus according to claim 8; and  
a transmission/reception apparatus which inputs a frame extracted from a received signal to said rate matching apparatus at the time of receiving signals, while further inputting a frame to be transmitted to said rate matching apparatus at the time of transmitting signals.--

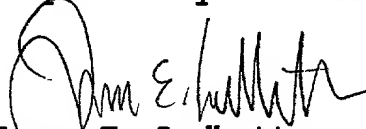
REMARKS

This Preliminary Amendment eliminates the multiple dependent claim status of claims 9 and 10 in order to avoid the multiple dependent claim surcharge.

New claims 11 to 16 are added in order to recapture the subject matter deleted in the amendment to claims 9 and 10.

Early and favorable consideration of this application is respectfully requested.

Respectfully submitted,



James E. Ledbetter  
Registration No. 28,732

Date: March 30, 2001

JEL/clw

ATTORNEY DOCKET NO. L9289.01127

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.  
1615 L Street, NW  
Suite 850  
Washington, DC 20036  
Telephone: (202) 785-0100  
Facsimile: (202) 408-5200

EXHIBIT I - Marked-up Version of Amended Claims

9. (Amended) A base station apparatus comprising:

the rate matching apparatus according to [any one of claims 5 to 8] claim 5; and

a transmission/reception apparatus which inputs a frame extracted from a received signal to said rate matching apparatus at the time of receiving signals, while further inputting a frame to be transmitted to said rate matching apparatus at the time of transmitting signals.

10. (Amended) A mobile station apparatus comprising:

the rate matching apparatus according to [any one of claims 5 to 8] claim 5; and

a transmission/reception apparatus which inputs a frame extracted from a received signal to said rate matching apparatus at the time of receiving signals, while further inputting a frame to be transmitted to said rate matching apparatus at the time of transmitting signals.